

# The Commonwealth of Massachusetts Department of State Police 305 South Street, Jamaica Plain, MA 02130 617-983-6622

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

MARY ELIZABETH HEFFERNAN

COLONEL TIMOTHY P. ALBEN SUPERINTENDENT

08/27/12

Jessica Hanley Assistant District Attorney, Bristol County

Ms. Hanley,

Enclosed is the information you requested. Included are copies of the following:

- 1. Drug Analysis Laboratory Receipt.
- 2. Analysis sheet with chemist's hand notations and test results.
- 3. GC/MS analytical data for sample #

If you have any questions about these materials, please call me at the number below.

Chemist II

Drug Analysis Lab

(617) 983-6632

### PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

# The Commonwealth of Massachusetts

Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug Laboratory Tel (617) 983-6622 Fax (617) 983-6625 Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

Boston Hours

8:00 - 11:00 2:00 - 4:00 DRUG RECEIPT

**Amherst Hours** 

9:00 - 12:00

1:00 - 3:00

City or Department: New Bedford	Police Reference No.:
Name and Rank of Submitting Officer: De	et Kelly A Almeida
Defendant(s) Name (last, first, initial):	
11-17-10	10-3966-AR/10-3967-AR
To be completed by Submitter Description of Items Submitted	To be completed by Lab Personnel Gross Weight Lab Number
10-PB Veg (10-4069-PR)	75,419
1-PB Veg (10-4070-PR)	3.16
7-PB Subs (10-4068-PR)	25.58
(MS) 12/2/10	
eceived by:	Date: /2-2-/0

# DRUG POWDER ANALYSIS FORM

No. of samples tested:	AGENCY We Bectford ANALYST ASS
PHYSICAL DESCRIPTION:	Gross Wt ( 7): 20.8789  Gross Wt ( ):  Pkg. Wt:
	Net Wt:
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ( )	Gold Chloride +
7 Marquis	7 TLTA ( 7 +
∩ Froehde's	OTHER TESTS
7 Mecke's	
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS cocure	RESULTS
DATE 12-21-10	MS OPERATOR
	DATE

Revised 7/2005 -

Samp	e#:	

# # samples tested:

#	Gross Welght	Packet Weight	Net Weight	#	Gross Welght	Packet Weight	Net Welght
1	3.6337		3.4174	26			
2	3.7292		3.4799	27			
3	3-7107		3.4730	28	4		
4	3-6331		3-3972	29			
5	3.6981	www.chanacaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	3.4820	30	MANAGAR NYYYY		
6	2-2454		1.6238	31			
7	0.2311		D, 1885	32	, ALMI à JEL-MONDON MARIA DE LA CARLO DEL CARLO DE LA CARLO DE LA CARLO DE LA CARLO DEL CARLO DE LA CA		-
8		,		33			
9				34			
10	ą.			35			
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14				39		-	and a second sec
15		no + * fanishining na		40			oryymmonomonomonia
16		watery wystocolo with the state of the state		41			**************************************
17			ANGERONOOGOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO	42	-aytongponososos-som-p <del>yyy</del>	· · · · · · · · · · · · · · · · · · ·	-ggggy-ti-stannannnnnnn
18				43	***************************************		
19				44			~~~
20	The state of the s			45	· · · · · · · · · · · · · · · · · · ·		
21				46	**************************************		WEREN THE STATE OF
22			and in the second secon	47	-4104600000		
23			***************************************	48	AND		
24				49			
25				50			

Calculations:

Detw= 19.0622

## Area Percent / Library Search Report

VKAC 8/27/12

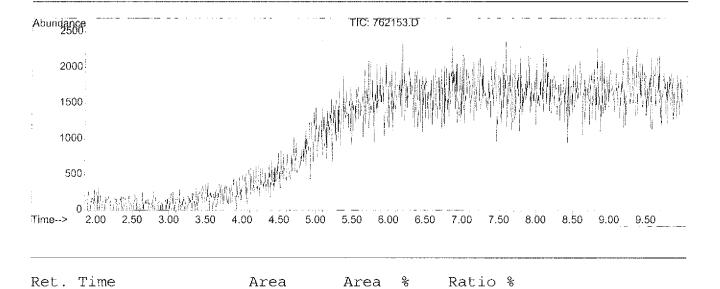
Information from Data File:

File Name :  $F:\Q4-2010\SYSTEM4\12\_21\_10\762153.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 1:17

Sample Name : BLANK Submitted by : ASD Vial Number : 2 AcquisitionMeth: DRUGS Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

File Name :  $F:\Q4-2010\SYSTEM4\12\_21\_10\762154.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 1:31

Sample Name : COCAINE STD Submitted by : ASD Vial Number : 54 AcquisitionMeth: DRUGS Integrator : RTE

Abundance	TIC: 762154.D	
1500000		
1000000		:
. 500000:		
Time> 2.00 2.50 3.00	3.50 4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50	

Ret. Time	Area	Area %	Ratio %
4.726	1830218	100.00	100.00

File Name : F:\Q4-2010\SYSTEM4\12\_21\_10\762154.D

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 1:31

Sample Name : COCAINE STD

Submitted by : ASD Vial Number : 54 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

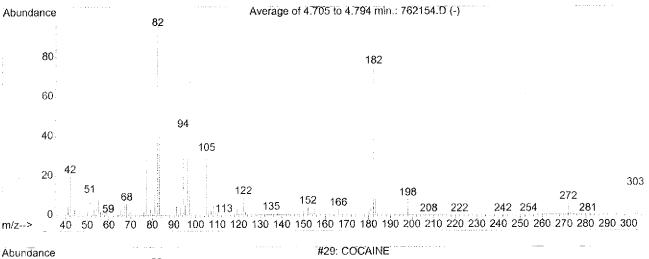
Minimum Quality: 90

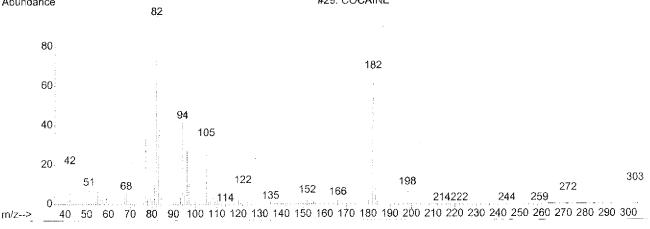
C:\DATABASE\PMW\_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	4.73	C:\DATABASE\SLI.L COCAINE	000050-36-2	99





762154.D

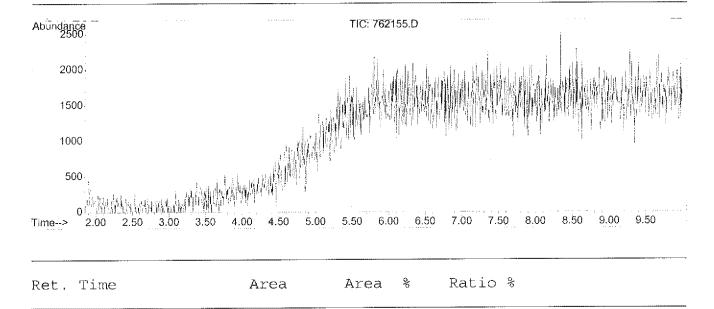
Mon Aug 27 14:13:01 2012

File Name :  $F:\Q4-2010\SYSTEM4\12\_21\_10\762155.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 1:44

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

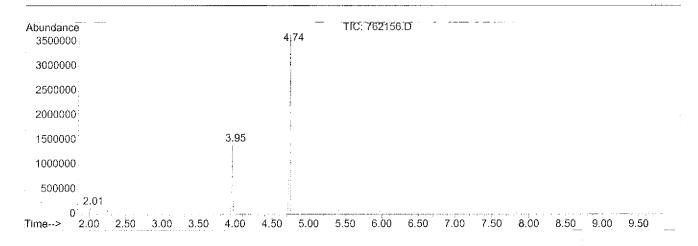
File Name :  $F:\Q4-2010\SYSTEM4\12_21_10\762156.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 1:58

Sample Name

Submitted by : ASD
Vial Number : 56
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.012	174177	3.05	4.29	
3.953	1466935	25.72	36.11	
4.736	4062040	71.22	100.00	

Information from Data File: : F:\Q4-2010\SYSTEM4\12\_21\_10\762156.D File Name Operator : ASD/KAC 22 Dec 2010 1:58 Date Acquired Sample Name Submitted by ASD Vial Number 56 AcquisitionMeth: DRUGS : RTE Integrator Minimum Quality: 90 C:\DATABASE\SLI.L Search Libraries: Minimum Quality: 90 C:\DATABASE\PMW TOX2.L C:\DATABASE\NIST98.L CAS# Qual PK# RTLibrary/ID C:\DATABASE\PMW TOX2.L 1 2.01 000000-00-0 96 Cocaine-M/artifact -H20 000000-00-0 38 Metipranolol-M/artifact AC @ 00000-00-0 37 MDA-M (desmethylenyl-methyl-) ME Average of 1.986 to 2.081 min.: 762156.D (-) Abundance 152 80 60 40 181 42 82 122 20. 138 106 68 191 207 , الزارج بحظلتيل . 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 m/z--> #3574: Cocaine-M/artifact -H2O Abundance 80 60 40 181 82 20 122 166 138 94 106 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 60 70 80 Mon Aug 27 14:13:10 2012 Page 762156.D

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Information from Data File:
File Name
                  : F:\Q4-2010\SYSTEM4\12_21_10\762156.D
Operator
                   ASD/KAC
                    22 Dec 2010
Date Acquired
                                    1:58
Sample Name
Submitted by
Vial Number
                     56
AcquisitionMeth:
                   DRUGS
Integrator
                   RTE
Search Libraries:
                      C:\DATABASE\SLI.L
                                                         Minimum Quality: 90
                      C:\DATABASE\PMW TOX2.L
                                                         Minimum Quality: 90
                      C:\DATABASE\NIST98.L
  PK#
                  Library/ID
                                                              CAS#
                                                                           Qual
         3,95
                 C:\DATABASE\NIST98.L
   2
                  Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                            98
                  Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                            98
                  Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                            97
                              Average of 3.927 to 4.054 min.: 762156.D (-)
Abundance
     80
                                            204
    60
              73
                    101
    40
                         121
    20
                  89
                                     176
       41
                                 158
                                        188
     0
      40 \ 50 \ 60 \ 70 \ 80 \ 90 \ 100110120130140150160170180190200210220230240250260270280290300310320330340
                         #84039: Imidazo[2,1-b]thiazole, 2,3,5,6-tetrahydro-6-phenyl-
Abundance
                               148
    80
    60
    40
                    101
                          127
    20
         51 63
                                 158
                                     189
                        [法法] ± 1,37
              444.
      762156.D
                    Mon Aug 27 14:13:13 2012
                                                            Page
                                                                   3
```

Information from Data File: File Name : F:\Q4-2010\SYSTEM4\12\_21\_10\762156.D Operator : ASD/KAC 22 Dec 2010 Date Acquired 1:58 Sample Name Submitted by ASD 56 Vial Number AcquisitionMeth: DRUGS : RTE Integrator Minimum Quality: 90 Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90 C:\DATABASE\PMW TOX2.L C:\DATABASE\NIST98.L CAS# Oual PK# RTLibrary/ID C:\DATABASE\SLI.L 4.74 000050-36-2 COCAINE 99 Average of 4.704 to 4.800 min.: 762156.D (-) Abundance 82 182 80 60 40 105 20 42 303 198 51 135 146 155 166 208 222230 243 253261 281 113 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 m/z--> #29: COCAINE Abundance 82 80-182 60 94 40. 105 42 20-303 68 166 114 135 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 Page Mon Aug 27 14:13:13 2012 762156.D

File Name :  $F: \Q4-2010\SYSTEM4\12\_21\_10\762157.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 2:11

Sample Name

Submitted by : ASD
Vial Number : 57
AcquisitionMeth: DRUGS
Integrator : RTE

Abundance 3000000	4 73	TIC: 762157.D	
2500000			
2000000			
1500000			
1000000	3.95		
500000- . 2.0 <b>2</b> .25			
Time> 2.00 2.50 3.00	3.50 4.00 4.50 5.00	5.50 6.00 6.50 7.00 7.50	8.00 8.50 9.00 9.50

Ret. Time	Area	Area %	Ratio %	
2.015	148994	3.31	4.37	
2.248	110544	2.45	3.24	
3.951	832856	18.49	24.42	
4.734	3410887	75.74	100.00	

```
Information from Data File:
                   : F:\Q4-2010\SYSTEM4\12 21 10\762157.D
File Name
Operator
                   : ASD/KAC
                     22 Dec 2010
                                      2:11
Date Acquired
Sample Name
Submitted by
                     ASD
Vial Number
AcquisitionMeth: DRUGS
Integrator
                     RTE
                                                              Minimum Quality: 90
Search Libraries:
                       C:\DATABASE\SLI.L
                       C:\DATABASE\PMW TOX2.L
                                                              Minimum Quality: 90
                       C:\DATABASE\NIST98.L
                                                                   CAS#
                                                                                Qual
  PK#
          RT
                    Library/ID
                  C:\DATABASE\PMW TOX2.L
          2.02
    1
                    Cocaine-M/artifact -H20
                                                                000000-00-0
                                                                                  97
                                                                                  25
                                                                000000-00-0
                    Metipranolol-M/artifact AC
                                                              @ 000000-00-0
                                                                                  23
                    MDA-M (desmethylenyl-methyl-) ME
                                Average of 1.983 to 2.084 min.: 762157.D (-)
Abundance
                                  152
     80
     60
     40
       42
                                         181
                 82
                          122
     20
                              138
                                     166
                       106
                                               207
                                                             267 281
                                                                               341 355
                                         191
     0.
                                                                               340
                                                           260
                                                                280
                                                                     300
                                                                          320
                               140
                                   160
                                        180
                                             200
       40
                 80
                     100
                          120
m/z-->
                                                        P753
                                #3574: Cocaine-M/artifact -H2O
Abundance
     80
     60
     40.
                                        181
                 82
     20.
                          122
                                     166
                              138
                                                  220
                                                       240
                                                           260
                                                                280
                          120
                              140
                                   160
                                        180
                                             200
                     100
                                                                         2
                      Mon Aug 27 14:13:18 2012
                                                                 Page
762157.D
```

```
Information from Data File:
               : F:\Q4-2010\SYSTEM4\12 21 10\762157.D
File Name
               : ASD/KAC
Operator
                22 Dec 2010
Date Acquired
                              2:11
Sample Name
Submitted by
                ASD
Vial Number
AcquisitionMeth: DRUGS
                RTE
Integrator
                                                Minimum Quality: 90
Search Libraries:
                  C:\DATABASE\SLI.L
                  C:\DATABASE\PMW TOX2.L
                                                Minimum Quality: 90
                  C:\DATABASE\NIST98.L
                                                    CAS#
                                                               Qual
               Library/ID
  PK#
       RT
        2.25
              C:\DATABASE\PMW_TOX2.L
   2
               Cocaine-M (methylecgonine)
                                                  007143-09-1
                                                                93
                                                                45
               Cocaine-M (methylecgonine) AC
                                                  000000-00-0
                                                  000050-36-2
                                                                38
               Cocaine
                         Average of 2.211 to 2.285 min.: 762157.D (-)
Ābundance
              82
    80-
                96
    60
    40
      42
        55
    20-
           68
                         140 155
                                                    281
                                      209
                                              249
     P852
                        #467: Cocaine-M (methylecgonine)
Abundance
              82
    80
                96
    60
    40
                                    199
    20
                   112
```

Mon Aug 27 14:13:19 2012

762157.D

3

```
Information from Data File:
                  : F:\Q4-2010\SYSTEM4\12_21_10\762157.D
File Name
                    ASD/KAC
Operator
                     22 Dec 2010
                                      2:11
Date Acquired
Sample Name
Submitted by
                     ASD
                      57
Vial Number
AcquisitionMeth: DRUGS
                     RTE
Integrator
                                                              Minimum Quality: 90
                       C:\DATABASE\SLI.L
Search Libraries:
                                                              Minimum Quality: 90
                       C:\DATABASE\PMW TOX2.L
                       C:\DATABASE\NIST98.L
                                                                   CAS#
                                                                                 Qual
                    Library/ID
  PK#
          RT
                  C:\DATABASE\NIST98.L
   3
          3.95
                    Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                  98
                                                                                  98
                    Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                    Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                  98
                                Average of 3.924 to 4.067 min.: 762157 D (-)
Abundance
     80
                                              204
     60
               73
                     101
     40.
                          121
     20-
                   89
                                        176
       41
                            131
                                                                            326
                                                                 282
                                   158
                                            200
                                                                           320
                                    160
                                        180
                                                  220
                                                       240
                                                                280
                                                                     300
                                                                               340
                     100
                          120
                              140
                           #84039: Imidazo[2,1-b]thiazole, 2,3,5,6-tetrahydro-6-phenyl-
Abundance
                                 148
     80
     60
     40
               73
                      101
                            127
     20
                   89
          51 63
                         117
                                   158
                                           189
                                                                           320
                                                                               340
                                                       240
                                                            260
                                    160
                                         180
            60
                 80
                     100
                          120
                               140
                      Mon Aug 27 14:13:19 2012
                                                                          4
                                                                  Page
762157.D
```

Information from Data File: : F:\Q4-2010\SYSTEM4\12 21 10\762157.D File Name : ASD/KAC Operator 22 Dec 2010 2:11 Date Acquired Sample Name ASD Submitted by Vial Number 57 AcquisitionMeth: DRUGS RTE Integrator Minimum Quality: 90 C:\DATABASE\SLI.L Search Libraries: Minimum Quality: 90 C:\DATABASE\PMW TOX2.L C:\DATABASE\NIST98.L CAS# Qual RT Library/ID PK# C:\DATABASE\SLI.L 4.73 4 99 000050-36-2 COCAINE Average of 4.702 to 4.808 min.: 762157.D (-) Abundance 82 182 80-60 40 105 20:42 303 122 198 55 67 272 152 166 405 284 314 135 210 222 239 253 0 400 200 220 240 260 280 300 320 340 360 180 60 80 120 140 160 40 m/z--> #29: COCAINE Abundance 82 80 182 60 94 40: 20:42 303 198 55 68 108 152 166 135 244 259 214

762157.D

Mon Aug 27 14:13:20 2012

140 160 180

120

100

200

220

240

260

280

300

Page 5

340

360

380

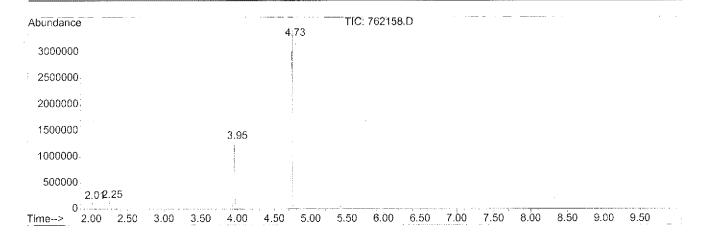
File Name :  $F:\Q4-2010\SYSTEM4\12\_21\_10\762158.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 2:25

Sample Name

Submitted by : ASD
Vial Number : 58
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.010 2.248 3.951 4.734	 185017 144879 1320097 3663576	3.48 2.73 24.84 68.95	5.05 3.95 36.03 100.00	

```
Information from Data File:
                   : F:\Q4-2010\SYSTEM4\12_21_10\762158.D
File Name
                   : ASD/KAC
Operator
                                        2:25
                         Dec 2010
Date Acquired
Sample Name
Submitted by
                      ASD
Vial Number
AcquisitionMeth: DRUGS
                     RTE
Integrator
                                                                Minimum Quality: 90
Search Libraries:
                        C:\DATABASE\SLI.L
                                                                Minimum Quality: 90
                        C:\DATABASE\PMW TOX2.L -
                        C:\DATABASE\NIST98.L
                                                                      CAS#
                                                                                    Qual
                    Library/ID
  PK#
          RT
                   C:\DATABASE\PMW_TOX2.L
          2.01
    1
                                                                                      98
                                                                   000000-00-0
                    Cocaine-M/artifact -H20
                                                                @ 000000-00-0
                                                                                      37
                    MDA-M (desmethylenyl-methyl-) ME
                                                                   000000-00-0
                                                                                      23
                    Metipranolol-M/artifact AC
                                 Average of 1.984 to 2.079 min.: 762158.D (-)
Abundance
     80
     60-
     40
                                            181
        42
     20-
                                        166
                        106
                                              191 208
       40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340
                                                           P753
                                 #3574: Cocalne-M/artifact -H2O
Abundance
                                    152
     80
     60
     40
                                            181
                   82
     20
                                        166
                                 138
                      94
                        106
       40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340
                                                                            2
                       Mon Aug 27 14:13:25 2012
                                                                     Page
762158.D
```

Information from Data File: : F:\Q4-2010\SYSTEM4\12\_21\_10\762158.D File Name : ASD/KAC Operator 22 Dec 2010 Date Acquired :: 2:25 Sample Name Submitted by Vial Number 58 AcquisitionMeth: DRUGS Integrator RTE C:\DATABASE\SLI.L Minimum Quality: 90 Search Libraries: Minimum Quality: 90 C:\DATABASE\PMW TOX2.L C:\DATABASE\NIST98.L CAS# Qual RT Library/ID PK# C:\DATABASE\NIST98.L 2 2.25 007143-09-1 96 Methylecgonine 007143-09-1 96 Methylecgonine 95 Ecgonine methyl ester 106293-60-1 Average of 2.206 to 2.280 min.: 762158.D (-) Abundance 82 80 96 60 40 20 68 112 140 155 124 281 371 327 340 251 280 320 360 240 260 300 180 200 220 60 80 100 120 140 160 #32602: Methylecgonine Abundance 82 80 96 60 40 42 20 55 199 68 140 155 124 340 360 200 220 280 300 320 120 140 160 180 60 80 100 3 Mon Aug 27 14:13:26 2012 Page 762158.D

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Information from Data File:
File Name
                     : F:\Q4-2010\SYSTEM4\12 21 10\762158.D
                     : ASD/KAC
Operator .
                       22 Dec 2010
                                          2:25
Date Acquired
Sample Name
Submitted by
                       ASD
Vial Number
                         58
AcquisitionMeth: DRUGS
                       RTE
Integrator
                                                                    Minimum Quality: 90
Search Libraries:
                          C:\DATABASE\SLI.L
                                                                    Minimum Quality: 90
                          C:\DATABASE\PMW TOX2.L
                          C:\DATABASE\NIST98.L
                                                                         CAS#
                                                                                        Qual
   PK#
           RT
                      Library/ID
                    C:\DATABASE\NIST98.L
    3
           3.95
                      Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                          98
                                                                                          98
                      Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                          98
                      Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                   Average of 3.925 to 4.036 min.: 762158.D (-)
Abundance
     80
                                                     204
     60
                 73
                        101
     40
                              121
     20
                     89
              63
                                131
                                       157
                                                                  253
                          111
        40 \ 50 \ 60 \ 70 \ 80 \ 90 \ 100 \ 110 \ 120 \ 130 \ 140 \ 150 \ 160 \ 170 \ 180 \ 190 \ 200 \ 210 \ 220 \ 230 \ 240 \ 250 \ 260 \ 270 \ 280 \ 290 \ 300 \ 310 \ 320 \ 330 \ 340
m/z-->
                              #84039: lmidazo[2,1-b]lhiazole, 2,3.5,6-tetrahydro-6-phenyl-
204
Abundance
                                     148
     80
     60
     40
                 73
                        101
                               127
```

762158.D

m/z-->

20-

63

Mon Aug 27 14:13:27 2012

158

 $40 \ 50 \ 60 \ 70 \ 80 \ 90 \ 100 \ 110 \ 120 \ 130 \ 140 \ 150 \ 160 \ 170 \ 180 \ 190 \ 200 \ 210 \ 220 \ 230 \ 240 \ 250 \ 260 \ 270 \ 280 \ 290 \ 300 \ 310 \ 320 \ 330 \ 340$ 

137

File Name :  $F:\Q4-2010\SYSTEM4\12\ 21\ 10\762158.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 2:25

Sample Name

Submitted by : ASD
Vial Number : 58
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

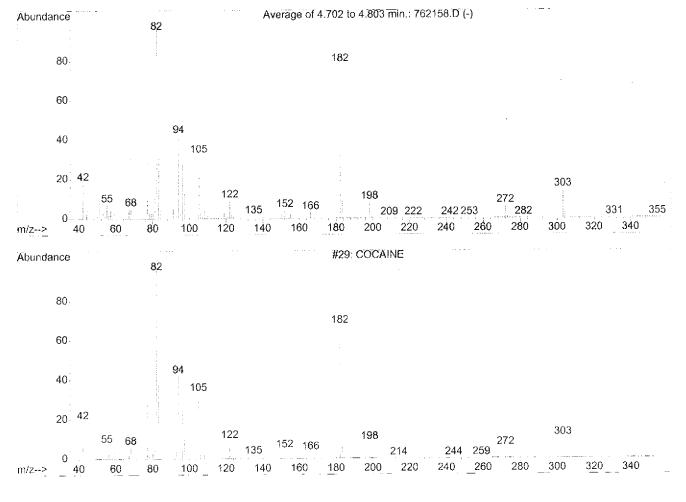
Minimum Quality: 90

C:\DATABASE\PMW\_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
4	4.73	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



762158.D

Mon Aug 27 14:13:27 2012

File Name : F:\Q4-2010\SYSTEM4\12\_21\_10\762159.D

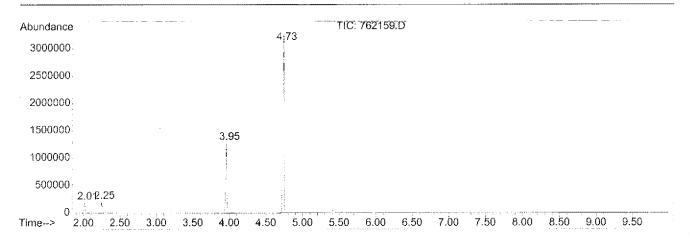
: ASD/KAC Operator

Date Acquired 22 Dec 2010 2:38

Sample Name

59

Submitted by ASD Vial Number AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.013	249154	4.73	7.22	
2.246	198779	3.78	5.76	
3.954	1363827	25.91	39.51	
4.732	3451880	65.58	100.00	

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Information from Data File:
                   : F:\Q4-2010\SYSTEM4\12 21 10\762159.D
File Name
Operator
                   : ASD/KAC
                      22 Dec 2010
                                       2:38
Date Acquired
Sample Name
                     ASD
Submitted by
Vial Number
                       59
AcquisitionMeth: DRUGS
                     RTE
Integrator
                                                               Minimum Quality: 90
Search Libraries:
                        C:\DATABASE\SLI.L
                        C:\DATABASE\PMW TOX2.L
                                                               Minimum Quality: 90
                        C:\DATABASE\NIST98.L
                                                                    CAS#
                    Library/ID
                                                                                  Qual
   PK#
          RT
                   C:\DATABASE\PMW TOX2.L
          2.01
    1
                    Cocaine-M/artifact -H20
                                                                  000000-00-0
                                                                                    97
                                                                                    37
                                                               @ 000000-00-0
                    MDA-M (desmethylenyl-methyl-) ME
                                                                  000000-00-0
                                                                                    23
                    Metipranolol-M/artifact AC
                                 Average of 1.987 to 2.082 min.: 762159.D (-)
Abundance
     80
     60
     40
                                          181
                  82
                           122
     20
                               138
                                      166
                       106
                                                207
                                                          249
                                                                  281
                                                                                 341 355
                                          191
                                                              267
      n
                                                                                340
                                                                  280
                                                                       300
                                    160
                                         180
                                              200
                                                   220
                                                        240
                                                             260
                                                                            320
                 80
                      100
                           120
                               140
m/z -->
       40
            60
                                                          P753
                                #3574: Cocaine-M/artifact -H2O
Abundance
                                  152
     80
     60-
     40
                                          181
                 82
     20
                           122
                                      166
                               138
                    94
                       106
                                                                            320
                                                                                340
                                                   220
                                                        240
                                                             260
                                                                  280
                                                                       300
                 80
                          120
                               140
                                    160
                                         180
                                              200
m/z-->
                                                                          2
                      Mon Aug 27 14:13:32 2012
                                                                   Page
762159.D
```

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Information from Data File:
     File Name
                                                                                                                                                           : F:\Q4-2010\SYSTEM4\12 21 10\762159.D
     Operator
                                                                                                                                                             : ASD/KAC
                                                                                                                                                                               22 Dec 2010
     Date Acquired
                                                                                                                                                                                                                                                                                                                           2:38
     Sample Name
     Submitted by
     Vial Number
                                                                                                                                                                                         59
     AcquisitionMeth: DRUGS
     Integrator
                                                                                                                                                                             RTE
     Search Libraries:
                                                                                                                                                                                                 C:\DATABASE\SLI.L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Minimum Quality: 90
                                                                                                                                                                                                 C:\DATABASE\PMW TOX2.L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Minimum Quality: 90
                                                                                                                                                                                                 C:\DATABASE\NIST98.L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CAS#
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Qual
                         PK#
                                                                                   RT
                                                                                                                                                                  Library/ID
                                                                                    2.25
                                                                                                                                                          C:\DATABASE\PMW TOX2.L
                                 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         96
                                                                                                                                                                    Cocaine-M (methylecgonine)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             007143-09-1
                                                                                                                                                                  Cocaine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             000050-36-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         38
                                                                                                                                                                  Tilidine-M (nor-)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             038677-94-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  9
                                                                                                                                                                                                                                                                    Average of 2.214 to 2.283 min.: 762159.D (-)
  Abundance
                                                                                                                                                    82
                                            80
                                                                                                                                                                               96
                                           60
                                            40.
                                                                                             55
                                           20-
                                                                                                                       68
                                                                                                                                                                                                                                                                    140 152
                                                                                                                                                                                                                                                                                                                                                                                                                209
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    281
                                                             \frac{40}{50},\frac{50}{60},\frac{60}{70},\frac{70}{80},\frac{90}{90},\frac{100}{100},\frac{10}{120},\frac{130}{130},\frac{140}{150},\frac{160}{160},\frac{170}{180},\frac{180}{190},\frac{190}{200},\frac{210}{200},\frac{220}{230},\frac{240}{250},\frac{250}{260},\frac{290}{270},\frac{280}{290},\frac{290}{300},\frac{310}{320},\frac{320}{330},\frac{340}{340},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{340}{120},\frac{3
  m/z-->
                                                                                                                                                                                                                                                              #467: Cocaine-M (methylecgonine)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              P852
 Abundance
                                                                                                                                                 82
                                          80
                                                                                                                                                                             96
                                          60
                                          40
                                                                                                                                                                                                                                                                                                                                                                                            199
                                          20
                                                                                                                                                                                                           112
                                                             40 \quad 50 \quad 60 \quad 70 \quad 80 \quad 90 \quad 100 \quad 110 \quad 120 \quad 130 \quad 140 \quad 150 \quad 160 \quad 170 \quad 180 \quad 190 \quad 200 \quad 210 \quad 220 \quad 230 \quad 240 \quad 250 \quad 260 \quad 270 \quad 280 \quad 290 \quad 300 \quad 310 \quad 320 \quad 330 \quad 340 \quad 320 \quad 330 \quad 340 
m/z-->
```

762159.D

Mon Aug 27 14:13:32 2012

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Information from Data File:
File Name
                 : F:\Q4-2010\SYSTEM4\12 21 10\762159.D
Operator
                 : ASD/KAC
                    22 Dec 2010
Date Acquired
                                    2:38
Sample Name
Submitted by
                   ASD
Vial Number
                     59
AcquisitionMeth: DRUGS
                   RTE
Integrator
Search Libraries:
                      C:\DATABASE\SLI.L
                                                         Minimum Quality: 90
                      C:\DATABASE\PMW TOX2.L
                                                         Minimum Quality: 90
                      C:\DATABASE\NIST98.L
                  Library/ID
                                                              CAS#
  PK#
                                                                          Qual
         3.95
                 C:\DATABASE\NIST98.L
   3
                                                                           98
                  Imidazo(2,1-b)thiazole, 2,3,5,6-tet 006649-23-6
                  Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                           97
                  Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                           97
                              Average of 3.928 to 4.049 min.: 762159.D (-)
Abundance
    80
                                            204
    60
              73
                    101
    40
                         121
    20.
                  89
            63
                           131
                      111
                                 159
                                        187
                                                      249 265
     n
      m/z \rightarrow
                         #84039: Imidazo[2,1-b]thiazole, 2,3,5,6-letrahydro-6-phenyl-
Abundance
                               148
    80
    60
    40
              73
                    101
                          127
    20
           63
                        117
                         137
                                 158
      40 50 60 70 80 90 100110120130140150160170180190200210220230240250260270280290300310320330340
```

Mon Aug 27 14:13:33 2012

762159.D

Corbett\_email\_PRR\_003966

File Name :  $F:\Q4-2010\SYSTEM4\12\ 21\ 10\762159.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 2:38

Sample Ñame :

Submitted by : ASD
Vial Number : 59
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

Minimum Quality: 90

C:\DATABASE\PMW\_TOX2.L

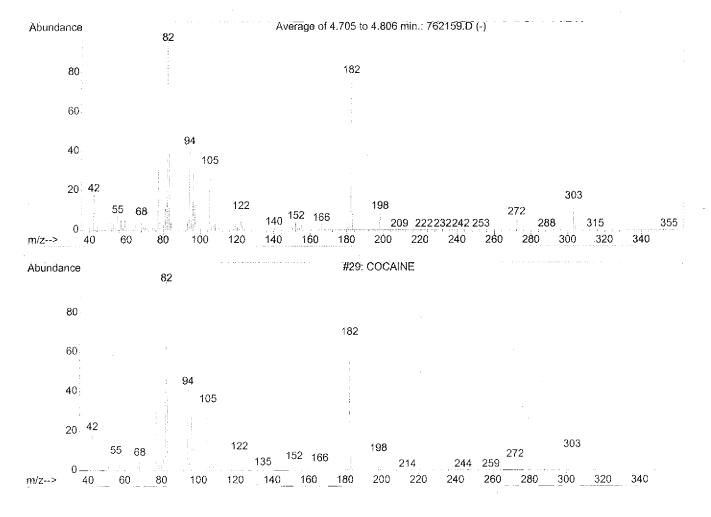
Minimum Quality: 90

 $C: \Delta ABASE NIST98.L$ 

PK# RT Library/ID CAS# Qual

4 4.73 C:\DATABASE\SLI.L

COCAINE 000050-36-2 99



762159.D

Mon Aug 27 14:13:34 2012

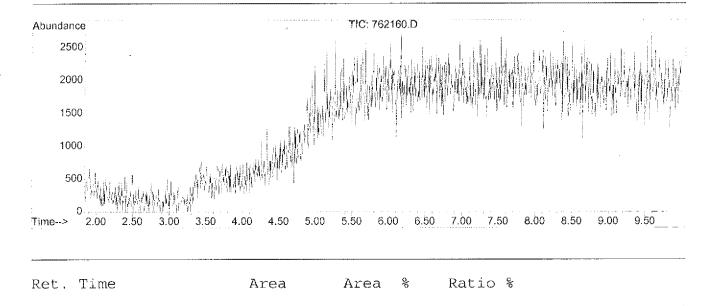
Page 5

File Name :  $F:\Q4-2010\SYSTEM4\12\_21\_10\762160.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 2:52

Sample Name : BLANK Submitted by : ASD Vial Number : 2 AcquisitionMeth: DRUGS Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

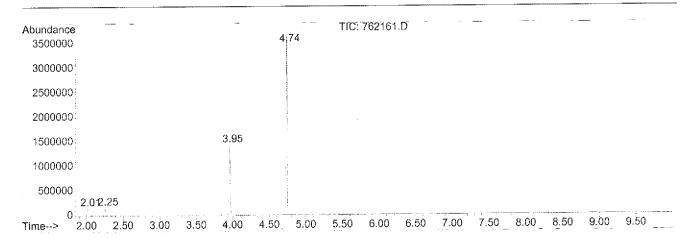
File Name :  $F:\Q4-2010\SYSTEM4\12_21_10\762161.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 3:06

Sample Name :

Submitted by : ASD
Vial Number : 61
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.013 2.251 3.954 4.737	199308 145154 1492080 3947908	3.45 2.51 25.79 68.25	5.05 3.68 37.79 100.00	

```
Information from Data File:
                   : F:\Q4-2010\SYSTEM4\12_21_10\762161.D
File Name
Operator
                   : ASD/KAC
                      22 Dec 2010
                                       3:06
Date Acquired
Sample Name
Submitted by
                     ASD
Vial Number
AcquisitionMeth: DRUGS
                     RTE
Integrator
                                                               Minimum Quality: 90
Search Libraries:
                        C:\DATABASE\SLI.L
                        C:\DATABASE\PMW TOX2.L
                                                               Minimum Quality: 90
                        C:\DATABASE\NIST98.L
                                                                    CAS#
                                                                                  Qual
                    Library/ID
  PK#
          RT
                   C:\DATABASE\PMW_TOX2.L
          2.01
    1
                    Cocaine-M/artifact -H20
                                                                  000000-00-0
                                                                                    96
                                                                  000000-00-0
                                                                                    38
                    Metipranolol-M/artifact AC
                                                                                     9
                    MDA-M (desmethylenyl-methyl-) ME @ 000000-00-0
                                 Average of 1.987 to 2.087 min.: 762161.D (-)
Abundance
                                           152
     80
     60
     40.
                                                    181
        42
                     82
                                 122
     20.
                                      138
                                               166
                            106
               65
                                                    <sub>.,ել.</sub> 191
            74
                                                            207
                                 il.
                            , , j.
          50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280
m/z \rightarrow
                                #3574: Cocaine-M/artifact -H2O
                                                         P753
Abundance
                                           152
     80
     60
     40
                                                    181
                     82
     20
                                 122
                                               166
                                      138
                            106
                         100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280
          50 60 70 80
                                                                   Page
                                                                          2
                      Mon Aug 27 14:13:43 2012
762161.D
```

```
Information from Data File:
                  : F:\Q4-2010\SYSTEM4\12 21 10\762161.D
File Name
                  : ASD/KAC
Operator
                    22 Dec 2010
                                     3:06
Date Acquired
Sample Name
Submitted by
                    ASD
                     61
Vial Number
AcquisitionMeth: DRUGS
Integrator
                  : RTE
                                                            Minimum Quality: 90
                      C:\DATABASE\SLI.L
Search Libraries:
                                                            Minimum Quality: 90
                      C:\DATABASE\PMW_TOX2.L
                      C:\DATABASE\NIST98.L
                                                                 CAS#
                                                                              Qual
                   Library/ID
         RT
  PK#
                  C:\DATABASE\PMW TOX2.L
   2
         2.25
                                                                               92
                                                              007143-09-1
                   Cocaine-M (methylecgonine)
                   Cocaine-M (methylecgonine) AC
                                                              000000-00-0
                                                                               40
                                                              00000-00-0
                                                                                9
                   Selegiline-M (nor-HO-) 2AC
                               Average of 2.214 to 2.283 min.: 762161.D (-)
Abundance
              82
     80
                 96
     60
    40
42
     20
         55
            68
                         140
                                                    281
                      124
                                                                                429
     0
                         140 160 180 200 220 240 260
                                                    280
                                                                       380
                 100
                     120
                                                       300
                                                           320
                                                               340
m/z-->
              80
                                                       P852
                              #467: Cocaine-M (methylecgonine)
Abundance
              82
     80
     60-
     40
                                    199
     20
                    112
                         140 155
                                                                       380 400 420
                    120 140 160 180 200 220 240 260 280 300 320
                                                               340 360
                                                                Page
                                                                       3
                     Mon Aug 27 14:13:44 2012
762161.D
```

```
Information from Data File:
File Name
                   : F:\Q4-2010\SYSTEM4\12 21_10\762161.D
                   : ASD/KAC
Operator |
                     22 Dec 2010
                                       3:06
Date Acquired
Sample Name
                     ASD
Submitted by
Vial Number
                       61
AcquisitionMeth: DRUGS
                     RTE
Integrator
                                                               Minimum Quality: 90
Search Libraries:
                        C:\DATABASE\SLI.L
                                                               Minimum Quality: 90
                        C:\DATABASE\PMW TOX2.L
                        C:\DATABASE\NIST98.L
                                                                    CAS#
                                                                                  Qual
  PK#
          RT
                    Library/ID
                   C:\DATABASE\NIST98.L
    3
          3.95
                                                                                   98
                    Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                   98
                    Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                   97
                    Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                Average of 3.928 to 4.081 min.: 762161.D (-)
Abundance
     80
                                              204
     60
               73
                      101
     40
                          121
     20
                                        176
                             131
                                   158
                                                              267 281
                                                                                340 355
                                                                 280
                                                                      300
                                                                                340
                                    160
                                         180
                                             200
                                                  220
                                                       240
                                                            260
                                                                           320
                     100
                          120
                               140
m/z-->
                           #84039; [midazo[2,1-b]thiazōle, 2,3,5,6-tetrahydro-6-phenyl-204
Abundance
                                 148
     80
     60
     40
               73
                      101
                            127
     20
                   89
          51 63
                                           189
                              137
                                                       240
                                                            260
                                                                 280
                80
                          120
                               140
                                    160
                                         180
                                             200
                                                  220
                     100
                      Mon Aug 27 14:13:45 2012
                                                                  Page
                                                                          4
762161.D
```

Information from Data File: : F:\Q4-2010\SYSTEM4\12\_21\_10\762161.D File Name : ASD/KAC Operator 22 Dec 2010 3:06 Date Acquired Sample Name Submitted by ASD 61 Vial Number AcquisitionMeth: DRUGS Integrator : RTE Minimum Quality: 90 C:\DATABASE\SLI.L Search Libraries: Minimum Quality: 90 C:\DATABASE\PMW\_TOX2.L C:\DATABASE\NIST98.L CAS# Qual Library/ID PK# RT C:\DATABASE\SLI.L 4.74 000050-36-2 99 COCAINE Average of 4.705 to 4.806 min.: 762161.D (-) Abundance 82 182 80 60 94 40 105 20.42 303 198 55 67 155166 405 135 209 223 242 258 283 331 355 0 320 340 360 140\_\_160\_\_180 240 260 280 300 100 120 200 220 m/z--> #29: COCAINE Abundance 82 08 182 60 40 20.42 303 198

762161.D

55 68

60

80

Mon Aug 27 14:13:45 2012

180

244 259

240

260

300

320

214

220

200

152 166

140 160

135

120

100

Page 5

360

380 400

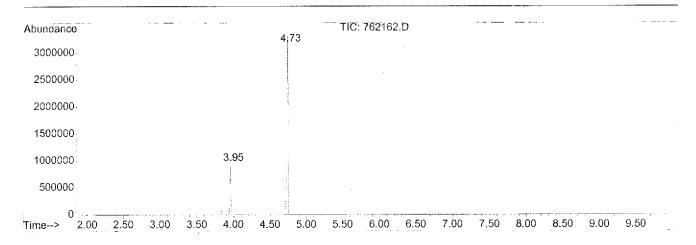
File Name :  $F: \Q4-2010\SYSTEM4\12\_21\_10\762162.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 3:20

Sample Name

Submitted by : ASD
Vial Number : 62
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.951 4.734		21.12 78.88		

```
Information from Data File:
                   : F:\Q4-2010\SYSTEM4\12_21_10\762162.D
File Name
Operator
                    ASD/KAC
                     22 Dec 2010
                                       3:20
Date Acquired
Sample Name
                     ASD
Submitted by
Vial Number
AcquisitionMeth: DRUGS
                     RTE
Integrator
                                                              Minimum Quality: 90
Search Libraries:
                        C:\DATABASE\SLI.L
                                                              Minimum Quality: 90
                       C:\DATABASE\PMW TOX2.L
                       C:\DATABASE\NIST98.L
                                                                    CAS#
                                                                                 Qual
                    Library/ID
  PK#
          RT
          3,95
                  C:\DATABASE\NIST98.L
   1
                    Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                   98
                    Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                   98
                                                                                   97
                    Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                Average of 3.925 to 4.031 min.: 762162.D (-)
Abundance
     80
                                               204
     60
               73
                      101
     40
                          121
     20
                   89
             63
                             131
                                          187
                                                   221
                                                                 281
                                                                                   355
                      111
                                   158
                                                            260
                                                                 280
                                                                      300
                                                                           320
                                                                                340
                                                  220
                                                       240
                                    160
                                         180
                                              200
                 80
                     100
                          120
                               140
            60
                           #84039: (midazo[2,1-b)[hiazole, 2,3,5,6-tetrahydro-6-phenyl-204
Abundance
                                 148
     80
     60
     40
               73
                      101
                            127
     20
                   89
          51
            63
                          117
                              137
                                   158
                                                                           320
                                                                                340
                                                       240
                                    160
                                         180
                                              200
                                                  220
                     100
                          120
                               140
            60
                 80
                                                                          2
                                                                  Page
                      Mon Aug 27 14:13:50 2012
762162.D
```

File Name : F:\Q4-2010\SYSTEM4\12\_21\_10\762162.D

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 3:20

Sample Name

Submitted by : ASD
Vial Number : 62
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

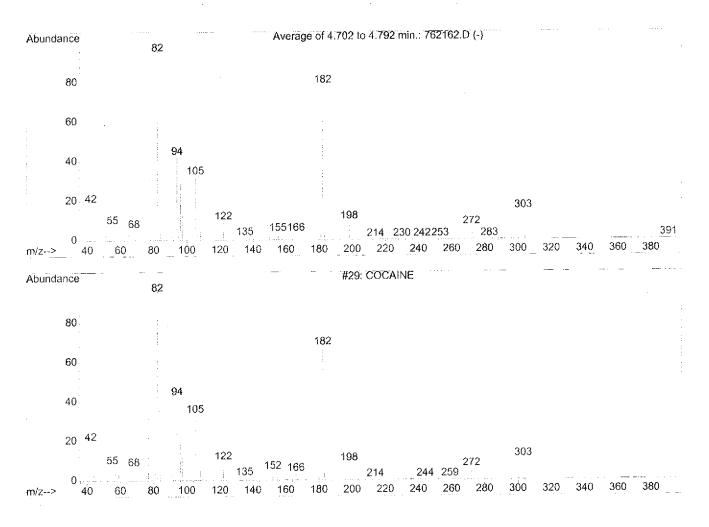
Minimum Quality: 90

C:\DATABASE\PMW\_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
2	4.73	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



762162.D

Mon Aug 27 14:13:51 2012

File Name : F:\Q4-2010\SYSTEM4\12\_21\_10\762163.D

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 3:34

Sample Name

Submitted by : ASD
Vial Number : 63
AcquisitionMeth: DRUGS
Integrator : RTE

Abundance 2500000		4 73	TIC: 762163.D	·····			
2000000							
1500000		:					
1000000	3.95						
500000	The second secon						
12 0 7ime> 2.5	3,50 4.00	4.50 5.00	5.50 6.00	6.50 7.00	7.50 8.00	8.50 9.00	9.50

Ret. Time	Area	Area %	Ratio %	
2.006 2.244 3.947 4.730	110119 114903 850265 2613184	2.99 3.12 23.05 70.85	4.21 4.40 32.54 100.00	

```
Information from Data File:
                   : F:\Q4-2010\SYSTEM4\12 21_10\762163.D
File Name
Operator
                     ASD/KAC
                      22 Dec 2010
                                       3:34
Date Acquired
Sample Name
Submitted by
                      ASD
Vial Number
AcquisitionMeth: DRUGS
Integrator
                     RTE
                                                               Minimum Quality: 90
Search Libraries:
                        C:\DATABASE\SLI.L
                        C:\DATABASE\PMW TOX2.L
                                                               Minimum Quality: 90
                        C:\DATABASE\NIST98.L
                                                                    CAS#
                                                                                  Qual
   PK#
                    Library/ID
          RT
          2.01
                   C:\DATABASE\PMW_TOX2.L
    1
                                                                                    97
                    Cocaine-M/artifact -H20
                                                                  000000-00-0
                                                                                    32
                                                                  002801-68-5
                    MDA-M (desmethylenyl-methyl-) ME
                                                               @ 000000-00-0
                                                                                    28
                                 Average of 1.985 to 2.070 min.: 762163.D (-)
Abundance
     80
     60-
     40
                                         181
        42
                 82
                           122
     20
                               138
                                      166
                       106
              68
                                            191
                                                               269 281
                                                                                 341 355
      0
                                                                  280
                               140
                                    160
                                         180
                                              200
                                                        240
                                                             260
                                                                       300
                                                                            320
                                                                                 340
       40
            60
                 80
                     100
                          120
m/z -->
                                                          P753
                                #3574: Cocaine-M/artifact -H2O
Abundance
                                  152
     80:
     60
     40
                                         181
                 82
     20
                           122
                                     166
                               138
                    94
                      106
                                                                            320
                                                                                340
                                              200
                                                   220
                                                            260
                                                                 280
                                                                      300
                 80
                     100
                          120
                               140
                                    160
                                         180
                                                                   Page
                                                                           2
                      Mon Aug 27 14:14:14 2012
762163.D
```

Information from Data File: : F:\Q4-2010\SYSTEM4\12\_21\_10\762163.D File Name : ASD/KAC Operator 22 Dec 2010 Date Acquired 3:34 Sample Name Submitted by ASD Vial Number AcquisitionMeth: DRUGS : RTE Integrator Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90 C:\DATABASE\PMW TOX2.L Minimum Quality: 90 C:\DATABASE\NIST98.L CAS# Qual PK# RTLibrary/ID C:\DATABASE\PMW TOX2.L 2.24 2 007143-09-1 95 Cocaine-M (methylecgonine) 000050-36-2 38 Cocaine 000000-00-0 38 Cocaine-M (methylecgonine) AC Average of 2.228 to 2.281 min.: 762163.D (-) Abundance 82 80 96 60 40 42 20 55 112 68 199 122 207 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 50 60 70 m/z--> P852 #467: Cocaine-M (methylecgonine) Abundance 82 80; 96 60 40 199 20-

762163.D

Mon Aug 27 14:14:15 2012

140

112

168

60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

155

```
Information from Data File:
  File Name
                                                                                         : F:\Q4-2010\SYSTEM4\12 21 10\762163.D
  Operator
                                                                                         : ASD/KAC
                                                                                                   22 Dec 2010
  Date Acquired
                                                                                                                                                                                   3:34
  Sample Name
  Submitted by
                                                                                                   ASD
  Vial Number
                                                                                                         63
  AcquisitionMeth: DRUGS
                                                                                                  RTE
  Integrator
                                                                                                                                                                                                                                                                                               Minimum Quality: 90
                                                                                                              C:\DATABASE\SLI.L
  Search Libraries:
                                                                                                                                                                                                                                                                                               Minimum Quality: 90
                                                                                                              C:\DATABASE\PMW TOX2.L
                                                                                                              C:\DATABASE\NIST98.L
                                                                                                                                                                                                                                                                                                                      CAS#
                                               RT
                                                                                                                                                                                                                                                                                                                                                                                      Qual
             PK#
                                                                                            Library/ID
                  3
                                                3.95
                                                                                       C:\DATABASE\NIST98.L
                                                                                              Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                                                                                                                                                                                                                                                                                                                           98
                                                                                              Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                                                                                                                                                                                                                                                                                                                           98
                                                                                              Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                                                                                                                                                                                                                                                                                                                           98
                                                                                                                                                     Average of 3.926 to 4.048 min.: 762163.D (-)
 Abundance
                        80-
                                                                                                                                                                                                                                     204
                        60
                                                                          73
                                                                                                          101
                         40
                                                                                                                                  121
                        20
                                                                                                                                                                            157
                                                                                                                                                                                                                                                                                               253
                                                                                                                                                                                                                                                                                                                                281
                                   40 \quad 50 \quad 60 \quad 70 \quad 80 \quad 90 \quad 100 \quad 110 \quad 120 \quad 130 \quad 140 \quad 150 \quad 160 \quad 170 \quad 180 \quad 190 \quad 200 \quad 210 \quad 220 \quad 230 \quad 240 \quad 250 \quad 260 \quad 270 \quad 280 \quad 290 \quad 300 \quad 310 \quad 320 \quad 330 \quad 320 
                                                                                                                               #84039: Imidazo[2,1-b]thiazole, 2,3,5,6-tetrahydro-6-phenyl-
Abundance
                                                                                                                                                                  148
                       80
                       60
                        40
                                                                          73
                                                                                                          101
                                                                                                                                         127
                       20
                                                                                            89
                                                            63
                                                                                                                                                136
                                                                                                                                                                     157 167 185
                                  40\ 50\ 60\ 70\ 80\ 90\ 100\ 110\ 120\ 130\ 140\ 150\ 160\ 170\ 180\ 190\ 200\ 210\ 220\ 230\ 240\ 250\ 260\ 270\ 280\ 290\ 300\ 310\ 320\ 330
m/z \rightarrow
```

Mon Aug 27 14:14:16 2012

762163.D

Corbett\_email\_PRR\_003980

File Name : F:\Q4-2010\SYSTEM4\12\_21\_10\762163.D

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 3:34

Sample Name

Submitted by : ASD
Vial Number : 63
AcquisitionMeth: DRUGS
Integrator : RTE

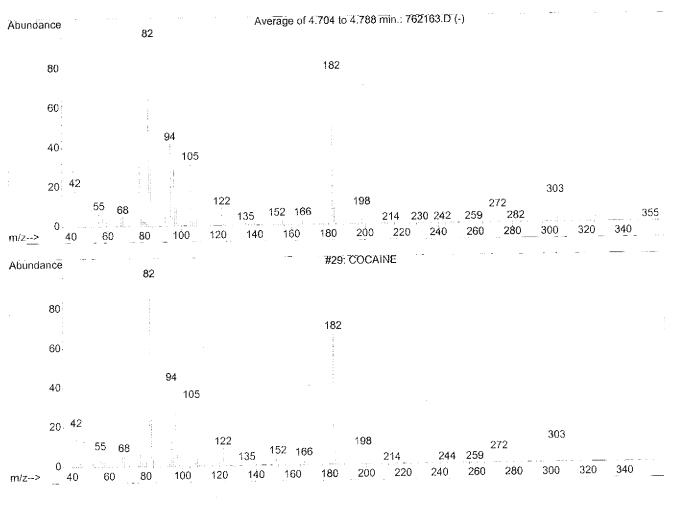
Search Libraries: C:\DATABASE\SLI.L

Minimum Quality: 90 Minimum Quality: 90

C:\DATABASE\PMW\_TOX2.L C:\DATABASE\NIST98.L

PK# RT Library/ID CAS# Qual

4 4.73 C:\DATABASE\SLI.L COCAINE 000050-36-2 99



762163.D

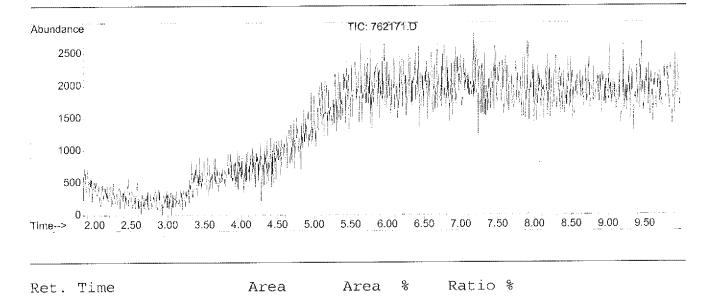
Mon Aug 27 14:14:16 2012

File Name : F:\Q4-2010\SYSTEM4\12\_21\_10\762171.D

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 5:23

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

File Name : F:\Q4-2010\SYSTEM4\12\_21\_10\762172.D

Operator ASD/WAC

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 5:36

Sample Name : COCAINE STD Submitted by : ASD Vial Number : 54 AcquisitionMeth: DRUGS Integrator : RTE

Abundance —	4 <sub>1</sub> 72	TIC: 762172.D	### ##################################	
1500000	THE PROPERTY OF THE PROPERTY O			
1000000				
500000	÷			
·				
Time> 2.00 2.50 3.0	00 3.50 4.00 4.50 5.00	5.50 6.00 6.50 7.00	7.50 8.00 8.50	9.00 9.50
Ret. Time	Area A	Area % Ratio	%	

1840215 100.00 100.00

4.725

Information from Data File: : F:\Q4-2010\SYSTEM4\12 21 10\762172.D File Name Operator : ASD/KAC Date Acquired : 22 Dec 2010 5:36 : COCAINE STD Sample Name Submitted by : ASD Vial Number 54 AcquisitionMeth: DRUGS : RTE Integrator Minimum Quality: 90 C:\DATABASE\SLI.L Search Libraries: C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90 C:\DATABASE\NIST98.L CAS# Qual RTLibrary/ID PK# 1 4.72 C:\DATABASE\SLI.L 000050-36-2 99 COCAINE Average of 4.704 to 4.794 min.: 762172.D (-) Abundance 80 182 60 40. 20: 42 303 152 166 135 358 214 230242 259 288 120 140 160 180 200 220 240 260 280 300 320 m/z--> 80 100 360 380 #29: COCAINE Abundance 82 80 182 60-94 40 20:42 303 152 166 135 244 259 214 140 160 180 200 220 240 260 280 300 320 380 400 420 100 120 340 360 m/z--> Mon Aug 27 14:14:35 2012 Page 2 762172.D